

REPLACEMENT SHEET



Amino Acid sequence of ddh

SEQ ID NO: 7 1 ATGGATTTCGGTAAGCTCGACCAGCACAGTGCCACCACAATTTCCACCATTACAAGAAC 60
SEQ ID NO: 8 1 M H F G K L D Q D S A T T I L E D Y K N
61 ATGACCAACATCCGCCTAGCTATCGTAGGGTACGGAAACCTGCGACCCAGCGTCGAAAAG 120
61 M T N I R V A I V G Y G N L G R S V E K
121 CTTATTGCCAAGCAGCCCGACATGGACCTTGTAGGAATCTTCTCGCGCCGGGCCACCTC 180
121 L I A K Q P D M D L V G I F S R R A T L
181 GACACAAAGACGCCAGTCTTTGATGTCGCCGACGTGGACAAGCACCCGACGACGTGGAC 240
181 D T K T P V F D V A D V D K H A D D V D
241 GTGCTGTTCTGTGCATGGGCTCCGCCACCGACATGCCTGAGCAGGCACCAAAGTTCGCG 300
241 V L F L C M G S A T D I P E Q A P K F A
301 CAGTTCGCCTGCACCGTAGACACCTACCACAACCACCGCGACATCCCACGCCACCGCCAG 360
301 Q F A C T V D T Y D N H R D I P R H R Q
361 GTCATGAACGAAGCCGCCACCGCAGCCGGCAACGTTGCACTGGTCTGTACCGGCTGGGAT 420
361 V M N E A A T A A G N V A L V S T G W D
421 CCAGGAATGTTCTCCATCAACCGGTCTACGCAGCCGCACTCTTAGCCGAGCACCAGCAG 480
421 P G M F S I N R V Y A A A V L A E H Q Q
481 CACACCTTCTGGGGCCAGCTTTGTCACAGGGCCACTCCGATCCTTTGCGACGCATCCCT 540
481 H T F W G P G L S Q G H S Q A L R R I P
541 GGCGTTCAAAAGGCcGTCCAGTACACCCTGCCATCCGAAGAaGCCCTGCAAAAGGCCCGC 600
541 G V Q K A V Q Y T L P S E E A L E K A R
601 CGTCGGAAGCCGGCGACCTcACCGGAAAGCAAACCCACAAGCGCCAATGCTTCGTGGTT 660
601 R G E A G D L T G K Q T H K R Q C F V V
661 CCCGATGCGGCCGACACGAGCGCATCGAAAACGACATCCGCACCATCCCTGATTACTTC 720
661 A D A A D H E R I E N D I R T M P D Y F
721 GTTGGCTACGAAGTCGAAGTCAACTTCATCGACGAAGCAAGCTTgGACgCCGAGCACACC 780
721 V G Y E V E V N F I D E A T L D A E H T
781 GGGATGCCACACGGcGGACACGTGATcACCACCGCGACACCGGTGGCTTCAACCACACC 840
781 G M P H G G H V I T T G D T G G F N H T
841 GTGGAATACATCCTgAAGCTGGACCGAAACCCAGATTTACCGCTTctTCACAGATCCCT 900
841 V E Y I L K L D R N P D F T A S S Q I A
TTCGGcCGCCAGCTCACCCCATGAAGCAGCAGGGCCAAAGCGGtGCTTTCACCGTGCTC

FIG.5A